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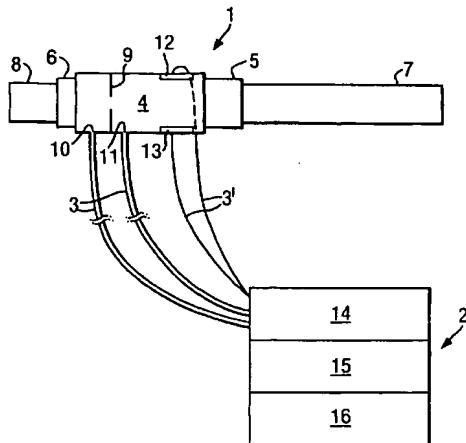
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(54) Title: SMOKING BEHAVIOUR ANALYSER



WO 2004/047570 A2

(57) **Abstract:** The invention relates to smoking behaviour analyser that allows a puff by puff real time analysis of a person's smoking behaviour whilst smoking. The device comprises smoking article mounting means for holding a smoking article in fluid-flow communication with fluid flow pressure drop detection means and smoke density detection means for detecting the optical density of the smoke; signal conversion means to convert signals obtained from the fluid flow pressure drop detection means and smoke density detection means into data; and data processing means operable to process data and provide a calculation of a delivery value of particulate phase smoke components from a smoking article. The data is displayed in graphical and/or numerical form.